

## Computer History Museum Hall of Fellows

The annual Computer History Museum Fellow Awards program publicly recognizes individuals of outstanding merit who have significantly contributed to the development of computing broadly-defined. Chosen on the basis of accomplishment—formal education is not a factor—Fellows are nominated by the Museum’s community and selected by a panel composed of Museum staff, historians, industry peers, and other Computer History Museum Fellows. The list below identifies the 47 Fellows chosen to date and can be found at [www.computerhistory.org](http://www.computerhistory.org)



**Frances Allen (b. 1932)**

*2000 Fellow Award Recipient*

*For her contributions to program optimization and compiling for parallel computers.*



**Gene Amdahl (b. 1922)**

*1998 Fellow Award Recipient*

*For his fundamental and continuing work in computer architecture and design, project management and entrepreneurship.*



**John Backus (1924-2007)**

*1997 Fellow Award Recipient*

*For his development of FORTRAN, contributions to computer systems theory and software project management.*



**Paul Baran (b. 1926)**

*2005 Fellow Award Recipient*

*For fundamental contributions to the architecture of the Internet and for a lifetime of entrepreneurial activity*



**Jean Bartik (b. 1924)**

*2008 Fellow Award Recipient*

*For contributions as one of the first programmers of the groundbreaking ENIAC computing system in 1945, and for further assistance in converting the ENIAC system into one of the first stored-program computers.*



**Gordon Bell (b. 1934)**

*2003 Fellow Award Recipient*

*For his key role in the minicomputer revolution and for contributions as a computer architect and entrepreneur*



**Tim Berners-Lee (b. 1955)**

*2003 Fellow Award Recipient*

*For his seminal contributions to the development of the World Wide Web*



**Erich Bloch (b. 1925)**

*2004 Fellow Award Recipient*

*For engineering management of the IBM Stretch supercomputer, and of the Solid Logic Technology used in the IBM System/360, which revolutionized the computer industry.*



**Dan Bricklin (b. 1951)**

*2004 Fellow Award Recipient*

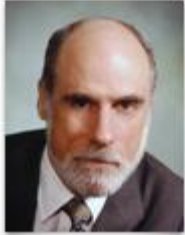
*For advancing the utility of personal computers by developing the VisiCalc electronic spreadsheet.*



**Frederick P. Brooks (b. 1931)**

*2001 Fellow Award Recipient*

*For his contributions to computer architecture, operating systems, and software engineering.*



**Vinton Cerf (b. 1943)**

*2000 Fellow Award Recipient*

*For his contributions to the creation and growth of the Internet.*



**Morris Chang (b.1931)**

*2007 Fellow Award Recipient*

*For advancing the global electronics and computing industries by creating the dedicated semiconductor foundry.*



**John Cocke (1925-2002)**

*2002 Fellow Award Recipient*

*For his development and implementation of reduced instruction set computer architecture and program optimization technology.*



**Douglas C. Engelbart (b. 1925)**

*2005 Fellow Award Recipient*

*For advancing the study of human-computer interaction, developing the mouse input device, and for the application of computers to improving organizational efficiency*



**Bob Evans (1927-2004)**

*2004 Fellow Award Recipient*

*For excellence in management of computer systems, hardware, and software development projects, including the IBM System/360, which revolutionized the computer industry.*



**Jay Forrester (b. 1918)**

*1995 Fellow Award Recipient*

*For his perfecting of core memory technology into a practical computer memory device; for fundamental contributions to early computer systems design and development.*



**Bob Frankston (b. 1949)**

*2004 Fellow Award Recipient*

*For advancing the utility of personal computers by developing the VisiCalc electronic spreadsheet.*



**Charles Geschke (b. 1939)**

*2002 Fellow Award Recipient*

*For his accomplishments in the commercialization of desktop publishing with John Warnock and for innovations in scalable type, computer graphics and printing.*



**John Hennessy**

*2007 Fellow Award Recipient*

*For fundamental contributions to engineering education, advances in computer architecture, and the integration of leading-edge research with education.*



**Sir Antony Hoare (b. 1934)**

*2006 Fellow Award Recipient*

*For development of the Quicksort algorithm and for lifelong contributions to the theory of programming languages.*



**Grace Hopper (1906-1992)**

*1987 Fellow Award Recipient*

*For her development of programming languages, computer instruction, and lifelong naval service.*



**Robert Kahn (b. 1938)**

*2006 Fellow Award Recipient*

*For pioneering technical contributions to internetworking and for leadership in the application of networks to scientific research.*



**Mitch Kapor (b. 1950)**

*1996 Fellow Award Recipient*

*For his development of Lotus 1-2-3, the first major software application for the IBM PC.*



**Alan Kay (b. 1940)**

*1999 Fellow Award Recipient*

*For his fundamental contributions to personal computing and human interface development; co-founder Xerox PARC.*



**Tom Kilburn (1921-2001)**

*2000 Fellow Award Recipient*

*For his contributions to early computer design including random access digital storage, virtual memory and multiprogramming.*



**Donald Knuth (b. 1938)**

*1998 Fellow Award Recipient*

*For his fundamental early work in the history of computing algorithms, development of the TeX typesetting language, and for major contributions to mathematics and computer science.*



**Butler Lampson (b. 1943)**

*2006 Fellow Award Recipient*

*For fundamental contributions to computer science, including networked personal workstations, operating systems, computer security and document publishing.*



**John McCarthy (b. 1927)**

*1999 Fellow Award Recipient*

*For his co-founding of the fields of Artificial Intelligence (AI) and timesharing systems, and for major contributions to mathematics and computer science.*



**Carver Mead (b. 1934)**

*2002 Fellow Award Recipient*

*For his contributions in pioneering the automation, methodology and teaching of integrated circuit design.*



**Bob Metcalfe (b. 1946)**

*2008 Fellow Awards Recipient*

*For fundamental contributions in the invention, standardization, and commercialization of Ethernet.*



**Marvin Minsky (b. 1927)**

*2006 Fellow Award Recipient*

*For co-founding the field of artificial intelligence, building the first artificial neural network, creating early robotics systems, and developing the “Society of Mind” theory of human and machine intelligence.*



**Gordon Moore (b. 1929)**

*1998 Fellow Award Recipient*

*For his fundamental early work in the design and production of semiconductor devices, co-founder Fairchild and Intel.*



**Ken Olsen (b. 1926)**

*1996 Fellow Award Recipient*

*For his introduction of the minicomputer, co-founder Digital Equipment Corporation (DEC).*



**Dave Patterson (b. 1947)**

*2007 Fellow Award Recipient*

*For fundamental contributions to engineering education, advances in computer architecture, and the integration of leading-edge research with education.*



**Dennis Ritchie (b. 1941)**

*1997 Fellow Award Recipient*

*For his co-creation, with Ken Thompson, of the UNIX operating system, and for development of the C programming language.*



**Jean E. Sammet (b. 1928)**

*2001 Fellow Award Recipient*

*For her contributions to the field of programming languages and its history.*



**Alan F. Shugart (1930-2006)**

*2005 Fellow Award Recipient*

*For his lifelong contribution to the creation of the modern disk drive industry.*



**Ivan E. Sutherland (b. 1938)**

*2005 Fellow Award Recipient*

*For creating the Sketchpad computer-aided design system and for lifelong contribution to computer graphics and education.*



**Charles (Chuck) Thacker (b. 1943)**

*2007 Fellow Award Recipient*

*For leading development of the Xerox PARC Alto, and for innovations in networked personal computer systems and laser printing technologies.*



**Ken Thompson (b. 1943)**

*1997 Fellow Award Recipient*

*For his co-creation, with Dennis Ritchie, of the UNIX operating system, and for development of the C programming language.*



**Linus Torvalds (b. 1969)**

*2008 Fellow Awards Recipient*

*For the creation of the Linux kernel and the management of open source development of the widely used Linux operating system.*



**John Warnock (b. 1940)**

*2002 Fellow Award Recipient*

*For his accomplishments in the commercialization of desktop publishing with Charles Geschke and for innovations in scalable type, computer graphics and printing.*



**Maurice V. Wilkes (b. 1913)**

*2001 Fellow Award Recipient*

*For his contributions to computer technology, including early machine design, microprogramming, and the Cambridge ring network.*



**Niklaus Wirth (b. 1934)**

*2004 Fellow Award Recipient*

*For seminal work in programming languages and algorithms, including Euler, Algol-W, Pascal, Modula, and Oberon.*



**David Wheeler (1927-2004)**

*2003 Fellow Award Recipient*

*For his invention of the closed subroutine and seminal contributions to programming for the EDSAC, ILLIAC, and the Cambridge Ring*



**Steve Wozniak (b. 1950)**

*1997 Fellow Award Recipient*

*For his invention of the first single-board microprocessor-based microcomputer, the Apple I; co-founder Apple Computer.*



**Konrad Zuse (1910-1995)**

*1999 Fellow Award Recipient*

*For his invention of the first program-controlled, electromechanical, digital computer and the first high-level programming language, Plankalkül.*